III. CLAIM AMENDMENTS

1. (Currently Amended) An electronic device ~~(1)~~, which is a wireless auxiliary device to be used with another electronic device and provided with means for manual entering of a key code, ~~characterized in that~~ wherein said means for entering of a key code comprise at least one selector which is arranged to select said key code or an element of it, and wherein a secure wireless data transmission link is arranged to be set up between said auxiliary device and ~~another communication~~ said another electronic device, by means of the selected key code.

2. (Currently Amended) The electronic device according to claim 1, ~~characterized in that~~ wherein the key code is a secret key code or a security code, such as a PIN code.

3. (Currently Amended) The electronic device according to claim 1, ~~characterized in that~~ wherein the selector is rotatable, comprising a roll~~-like~~, wheel~~-like~~ or disc~~-like~~ part which is arranged to rotate around an axis of rotation which is substantially perpendicular or substantially parallel to the auxiliary device.

4. (Currently Amended) The electronic device according to claim 1, ~~characterized in that~~ wherein the auxiliary device comprises one, and only one, selector which is arranged for entering a key code consisting of at least two elements, such as numbers.

5. (Currently Amended) The electronic device according to claim 1, ~~characterized in that~~ wherein the key code consisting of at least two elements, such as numbers, is arranged to be entered by successive selection sequences, wherein each selection sequence corresponds to one said element.

6. (Currently Amended) The electronic device according to claim 1, ~~characterized in that~~ wherein, to accept the already selected key code or its selected element, said selector is arranged to be pressed ~~or said auxiliary device is provided with a control button (3)~~.

7. (Currently Amended) The electronic device according to claim 1, ~~characterized in that~~ wherein the auxiliary device further comprises means to detect the selected key code and to store it in the memory ~~(10)~~ of the auxiliary device, the means comprising a position detector which is arranged to read the key code selected by the selector, and a processor controlling the operation, for processing and storing the key code in the memory.

8. (Currently Amended) The electronic device according to claim 1, ~~characterized in that~~ wherein the auxiliary device is a wireless portable hands-free set ~~or a wireless smart card reader~~.

9. (Currently Amended) The electronic device according to claim 5, ~~characterized in that~~ wherein said selection sequence is composed of at least one predefined position of the selector, or at least one predefined motion of the selector, or a combination of said position and said motion.

10. (Currently Amended) The electronic device according to claim 9, ~~characterized in that~~ wherein the secure wireless data transmission between said auxiliary device and said another electronic device is arranged to be performed by using a wireless communication method, such as Bluetooth, WLAN or IrDA.

11. (Currently Amended) A method for entering a key code into an electronic device operating as an auxiliary device of

another electronic device and being provided with means for manual entering of the key code, ~~characterized in that in the method~~the method comprising:

- selecting said key code ~~is selected~~ by using at least one selector, which is arranged for the selection of said key code or its part, ~~wherein~~ and
- setting up a secure wireless data transmission link ~~is set up~~ between the auxiliary device and said another electronic device by means of the selected key code.

12. (Currently Amended) The method according to claim 11, ~~characterized in that~~ the method comprising:

- selecting the key code ~~is selected~~ by rotating each rotatable selector in a predetermined position corresponding to the key code.

13. (Currently Amended) The method according to claim 11, ~~characterized in that~~ the method comprising:

- selecting the key code ~~is selected~~ by rotating one, and only one, rotatable selector ~~(2)~~ in predetermined successive positions corresponding to the key code.

14. (Currently Amended) The method according to claim 13, ~~characterized in that~~ the method comprising:

- rotating the selector ~~is rotated~~ a predetermined number of revolutions between the different positions.

15. (Currently Amended) The method according to claim 11, ~~characterized in that~~ the method comprising:

- selecting the key code ~~is selected~~ by rotating one, and only one, rotatable selector into predetermined successive positions corresponding to the key code in such a way that the direction of rotation is always changed to the opposite between the different positions.

16. (Currently Amended) The method according to claim 11, ~~characterized in that when~~ wherein the key code comprises a number, the method comprising:

- selecting the key code ~~is selected~~ by rotating the rotatable selector a number of revolutions corresponding to said number in the same direction.

17. (Currently Amended) The method according to claim 11, ~~characterized in that when~~ wherein the key code comprises at least two numbers, the method comprising:

- selecting the key code ~~is selected~~ by rotating one, and only one, rotatable selector the number of revolutions corresponding to the number in the same direction, and by changing the direction of rotation to the opposite between successive numbers.

18. (Currently Amended) The method according to claim 11, ~~characterized in that~~ the method comprising:

- accepting the already selected key code or its selected part ~~is accepted~~ by changing the direction of rotation of the rotated selector or by pressing said selector or by pressing a control button ~~(3)~~ provided in the auxiliary device.

19. (Currently Amended) A wireless device and an auxiliary device, ~~which operates~~ said auxiliary device being arranged to operate in a wireless manner and ~~is~~ provided with means for manual entering of a key code, ~~characterized in that~~ wherein said means for entering a key code comprise at least one selector arranged to select said key code or an element of it, and wherein a secure wireless data transmission link is arranged to be set up between said auxiliary device and said wireless device, by using the selected key code.

20. (Currently Amended) The wireless device and the auxiliary device according to claim 19, ~~characterized in that~~ wherein the auxiliary device is a wireless portable hands-free set ~~or a wireless smart card reader~~.

21. (New) The electronic device according to claim 1, wherein, to accept the already selected key code or its selected element, said auxiliary device is provided with a control button.

22. (New) The electronic device according to claim 1, wherein the auxiliary device is a wireless smart card reader.

23. (New) The electronic device according to claim 8, wherein said another electronic device is a mobile phone.

24. (New) The electronic device according to claim 22, wherein said another electronic device is a mobile phone.

25. (New) The wireless device and the auxiliary device according to claim 19, wherein the auxiliary device is a wireless smart card reader.

26. (New) The wireless device and the auxiliary device according to claim 19, wherein the wireless device is a mobile phone.

27. (New) The electronic device according to claim 3, wherein the auxiliary device is provided without display and keypad.